

**LOW SPIN GOLF BALL COMPRISING A METAL,  
CERAMIC, OR COMPOSITE MANTLE OR INNER LAYER**

**Abstract**

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The present invention is directed to a golf ball comprising a soft core and a hard cover such that the golf ball, when struck such as during play, exhibits a reduced spin rate. The golf ball may comprise one or more mantle layers including one or more metals, ceramic, or composite materials. The golf ball may also comprise an optional polymeric spherical substrate disposed within the interior of the ball. The golf balls according to the present invention exhibit improved spin, feel, and acoustic properties. The golf ball of the present invention may also have an enlarged diameter which serves to further reduce spin rate. The resulting golf ball exhibits properties of reduced spin without sacrificing durability, playability and resilience.

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100 90 80 70 60 50 40 30 20 10 0